

IFW



PTO/SB/21 (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

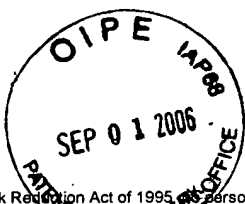
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | | | |
|---|----|------------------------|---------------|
| <h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p> | | Application Number | 10/606,120 |
| | | Filing Date | June 26, 2003 |
| | | First Named Inventor | Ruiping Li |
| | | Art Unit | 3737 |
| | | Examiner Name | James Kish |
| Total Number of Pages in This Submission | 17 | Attorney Docket Number | 45632-208306 |

| ENCLOSURES (Check all that apply) | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply in Response to Notice of Non-Compliant Amendment <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <div style="border: 1px solid black; height: 40px; width: 100%;"></div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|-------------------|----------|--------|
| Firm Name | VENABLE LLP | | |
| Signature | | | |
| Printed name | Jeffrey W. Gluck | | |
| Date | September 1, 2006 | Reg. No. | 44,457 |



PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | | | |
|--|--|--------------------------|----------------------------------|
| FEE TRANSMITTAL For FY 2006 | | Complete if Known | |
| Effective on 12/09/2004 Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). | | Application Number | 10/606,120 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Filing Date | June 26, 2003 |
| | | First Named Inventor | Ruiping LI |
| | | Examiner Name | James Kish |
| | | Art Unit | 3737 |
| TOTAL AMOUNT OF PAYMENT (\$) | | 0.00 | Attorney Docket No. 45632-208306 |

METHOD OF PAYMENT (check all that apply)

| | | | | |
|---|--------------------------------------|---|-------------------------------|---|
| <input type="checkbox"/> Check | <input type="checkbox"/> Credit Card | <input type="checkbox"/> Money Order | <input type="checkbox"/> None | <input type="checkbox"/> Other (please identify): _____ |
| <input checked="" type="checkbox"/> Deposit Account | Deposit Account Number: 22-0261 | | | Deposit Account Name: Venable LLP |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | | | | |
| <input type="checkbox"/> Charge fee(s) indicated below | | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee | | |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | | <input checked="" type="checkbox"/> Credit any overpayments | | |

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| | | | |
|--------------|--------------|----------|---------------|
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|----------|---------------|

| | | | |
|--------------------|---|-------|---------|
| _____ - 20 = _____ | x | _____ | = _____ |
|--------------------|---|-------|---------|

HP = highest number of total claims paid for, if greater than 20.

| | | | |
|---------------|--------------|----------|---------------|
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|---------------|--------------|----------|---------------|

| | | | |
|-------------------|---|-------|---------|
| _____ - 3 = _____ | x | _____ | = _____ |
|-------------------|---|-------|---------|

HP = highest number of total claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| | | | | |
|--------------|--------------|--|----------|---------------|
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|

_____ - 100 = _____ / 50 _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____

| | | | |
|---------------------|-------------------------|-----------------------------------|-------------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 44,457 |
| Name (Print/Type) | Jeffrey W. Gluck, Ph.D. | Telephone | 202-344-4000 |
| | | Date | September 1, 2006 |

DOC#781896

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Ruiping LI et al.

Appl. No. 10/606,120
Confirmation No. 3667

Filed: June 26, 2003

For: ADAPTIVE SEGMENTATION OF
ANATOMIC REGIONS IN
MEDICAL IMAGES WITH
FUZZY CLUSTERING



Art Unit: 3737

Examiner: James Kish

Atty. Docket No. 45632-208306
(formerly: 22204-190336)

Customer No.

26694

PATENT TRADEMARK OFFICE

**Amendment and Reply Under 37 C.F.R. §§ 1.111 and 1.121 – Response to
Notice of Non-Compliant Amendment**

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Notice of Non-Compliant Amendment dated **August 28, 2006** and the Non-final Office Action (Office Action) dated **June 15, 2006**, Applicants submit the following Amendment and Reply. This Amendment and Reply is identical to that filed on August 25, 2006, except that the claims have been renumbered in accordance with the Notice of Non-Compliant Amendment, and the Remarks have been adjusted accordingly.

It is not believed that extensions of time or fees for net addition of claims are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are needed to prevent abandonment of this application, then such extensions of time are hereby petitioned for under 37 C.F.R. § 1.136(a). Any fees

Applicants: LI et al.
Appl. No. 10/606,120

required therefor (including fees for net addition of claims), and any other fee deficiency, are hereby authorized to be charged, or any overpayments credited, to our Deposit Account No. 22-0261.

Amendments

Please amend the above-identified application as follows:

Amendments to the Specification begin at page 3 of this paper.

Amendments to the Claims begin at page 4 of this paper.

Remarks begin at page 10 of this paper.

An **Appendix** containing a new abstract on a separate sheet is attached at the end of this paper.